

Stratified Drift Aquifers Map

Kensington

New Hampshire

LEGEND

Stratified-Drift Aquifers

Transmissivity in Feet Squared Per Day

- Less than 1000
- 1000 to 2000
- Greater than 2000 (labeled on map)

BASE FEATURES

Roads by Legislative Class	Political Boundaries	Surface Water Features
<ul style="list-style-type: none">Class I - Primary SystemClass II - Secondary SystemClass III - State RecreationalClass IV - within CompactsClass V - MunicipalClass VI - Unmaintained MunicipalPrivateTrail	<ul style="list-style-type: none">State BoundaryCounty BoundaryTown BoundaryRailroadsAbandoned RailroadsMajor PowerlinesMajor Pipelines	<ul style="list-style-type: none">Stream, ShorelineIntermittent StreamOther Water FeatureBodies of WaterUSGS WetlandsAdjacent Municipalities

This is a static legend for the Rockingham Region. All features may not be present within the extent of this map.

MAP DATA SOURCES

Stratified-Drift Aquifer data was automated by Complex Systems Research Center, UNH and is archived in the GRANIT Database. The aquifer data was automated from maps generated as part of a larger study of groundwater resources in New Hampshire. The Study was conducted under a cooperative agreement between the US Geological Survey and the NH Department of Environmental Services, Water Resources Division. It included an assessment of the aquifers within stratified sand and gravel deposits.

Transmissivity of Stratified Drift Aquifers quantifies the ability of an aquifer to transmit water, measured in feet squared per day. Transmissivity/Aquifer data was automated by Complex Systems Research Center, UNH and is archived in the GRANIT Database. The aquifer data was automated from maps generated as part of a larger study of groundwater resources in New Hampshire. The Study was conducted under a cooperative agreement between the US Geological Survey and the NH Department of Environmental Services, Water Resources Division. It included an assessment of the aquifers within stratified sand and gravel deposits.

The specific reports that cover the Rockingham Planning Region are the following:
US Geological Survey Open-File Report 92-95, "Geohydrologic and Ground-Water-Quality Data for Stratified-Drift Aquifers in the Exeter, Lamprey, and Oyster River Basins, Southeastern New Hampshire." This study was prepared in cooperation with the NH Department of Environmental Services, Water Resources Division and was completed in 1992.

US Geological Survey Water-Resources Investigations Report 91-4025, "Geohydrology and Water Quality of Stratified-Drift Aquifers in the Lower Merrimack and Coastal River Basins, Southeastern New Hampshire." This study was prepared in cooperation with the NH Department of Environmental Services, Water Resources Division and was completed in 1992.

Base Features
Base features (transportation, political and hydrographic) were automated from the USGS Digital Line Graph data, 1:24,000, as archived in the GRANIT database at Complex Systems Research Center, Institute for the study of Earth, Oceans and Space, University of New Hampshire, Durham, NH, 1992-1999. The roads within the Rockingham Planning Region have been updated by Rockingham Planning Commission and by NH Department of Transportation through ongoing efforts.

